AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): An optical recording apparatus for recording an information data signal on an optical recording medium, comprising:

a position identifying portion for identifying the position of a control data recording area where control data regarding recording of said information data signal is recorded;

a pre-pit signal detecting portion for reading a predetermined section of said control data recording area to detect a pre-pit signal ~~from the read signal~~; and

a generating portion for generating a recording synchronizing signal indicating recording start timing from said pre-pit signal.

2. (currently amended): An optical recording apparatus for recording an information data signal on an optical recording medium, comprising:

a position identifying portion for identifying the position of a control data recording area where control data regarding recording of said information data signal is recorded;

an RF data signal detecting portion for reading a predetermined section of said control data recording area to detect an RF data signal ~~from the read signal~~; and

a generating portion for generating a recording synchronizing signal indicating recording start timing from said RF data signal.

3. (currently amended): An optical recording apparatus for recording an information data signal on an optical recording medium, comprising:

a position identifying portion for identifying the position of a control data recording area where control data regarding recording of said information data signal is recorded;

a pre-pit signal detecting portion for reading a predetermined section of said control data recording area to detect ~~detecting~~ a pre-pit signal ~~from the read signal~~;

an RF data signal detecting portion for reading a predetermined section of said control data recording area to detect an RF data signal ~~from the read signal~~; and

a selecting portion for selecting either of said pre-pit signal detecting portion and said RF data signal detecting portion to generate a recording synchronizing signal indicating recording start timing from the detected signal.

4. (original): An optical recording apparatus according to claim 1, comprising a recording portion for recording predetermined management information in an area adjacent to said control data recording area in response to said recording synchronizing signal.

5. (original): An optical recording apparatus according to claim 1, wherein said predetermined section is positioned at the end of said control data recording area.

6. (original): A method for recording an information data signal on an optical recording medium, comprising the steps of:

identifying the position of a control data recording area where control data regarding recording of said information data signal is recorded;

detecting a pre-pit signal by reading a predetermined section of said control data recording area; and

generating a recording synchronizing signal indicating recording start timing from said pre-pit signal.

7. (original): A method for recording an information data signal on an optical recording medium, comprising the steps of:

identifying the position of a control data recording area where control data regarding recording of said information data signal is recorded;

detecting an RF data signal by reading a predetermined section of said control data recording area; and

generating a recording synchronizing signal indicating recording start timing from said RF data signal.

8. (original): A method for recording an information data signal on an optical recording medium, comprising the steps of:

identifying the position of a control data recording area where control data regarding recording of said information data signal is recorded;

detecting a pre-pit signal by reading a predetermined section of said control data recording area;

detecting an RF data signal by reading a predetermined section of said control data recording area; and

executing either one of the step of detecting a pre-pit signal and the step of detecting an RF data signal to generate a recording synchronizing signal indicating recording start timing from the detected signal.

9. (new): An optical recording apparatus for recording information on a recording medium, comprising:

a controller operable to determine the position of a control data zone on the recording medium, wherein the control data zone stores data regarding recording of the recording information;

a reader operable to read the data stored in the control data zone based on the position determined by said controller;

a pre-pit detector operable to read a predetermined section of the control data zone to detect a pre-pit signal; and

an RF detector operable to read a predetermined section of the control data zone to detect an RF signal.

10. (new): The optical recording apparatus as claimed in claim 9, wherein said controller is further operable to determine whether a pre-pit signal or an RF signal is detected based on the data read by said reader.

11. (new): The optical recording apparatus as claimed in claim 10, wherein if it is determined that an RF signal is detected, a synchronizing signal indicating a recording start time is generated based on the RF signal, and if it is determined that a pre-pit signal is detected, a recording start timing signal is generated based on the pre-pit signal.

12. (new): The optical recording apparatus as claimed in claim 1, wherein said control data recording area is a control data zone on said optical recording medium.

13. (new): The optical recording apparatus as claimed in claim 2, wherein said control data recording area is a control data zone on said optical recording medium.

14. (new): The optical recording apparatus as claimed in claim 3, wherein said control data recording area is a control data zone on said optical recording medium.

15. (new): The method as claimed in claim 6, wherein said control data recording area is a control data zone on said optical recording medium.

16. (new): The method as claimed in claim 7, wherein said control data recording area is a control data zone on said optical recording medium.

17. (new): The method as claimed in claim 8, wherein said control data recording area is a control data zone on said optical recording medium.

18. (new): The optical recording apparatus as claimed in claim 4, wherein said area adjacent to said control data recording area is an extra border zone on said optical recording medium.

AMENDMENTS TO THE DRAWINGS

Applicants are submitting herewith two (2) sheets of replacement drawings, which include FIGS. 1 and 2. The legend --Prior Art-- has been added to FIGS. 1 and 2. The submitted replacement drawings are intended to replace FIGS. 1 and 2 as filed on January 25, 2002.

Attachment: Replacement Sheets